

## INSTALLATION

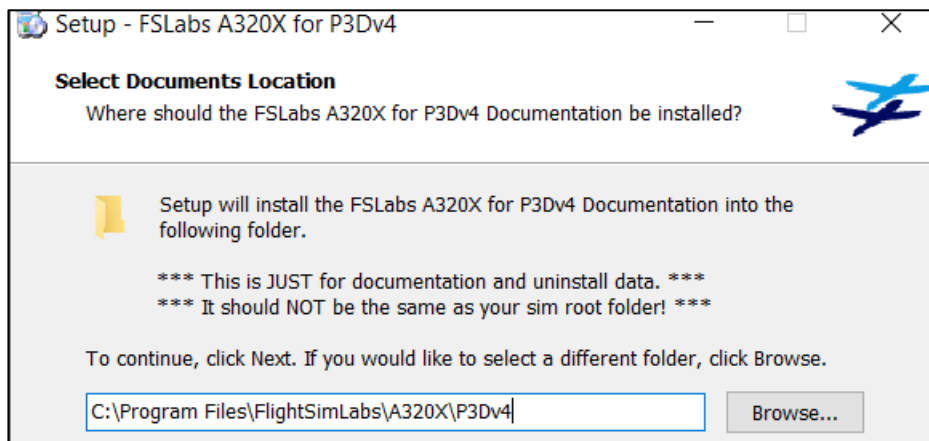
### A320-X Installation

After purchase of the software, the download contains one executable:

1. Before running the installer, temporarily disable Windows Defender or your 3<sup>rd</sup>-party Anti-Virus software.
  - Note for Malwarebytes users: We have received reports that this software continues to cause issues even if you disable all its functionality. We advise that you temporarily remove it before installing the A320-X.
2. Execute the file **FSLabs\_A320X\_P3D\_vxx.exe**. You will be guided through installation by the installer.

Note:

- You'll be asked two times for an installation folder. First, the actual installation location of the add-on is being confirmed. The **second** time however, you must NOT specify the location of P3D or your usual add-on folder. The specified folder is for documentation and uninstaller information only:



- After entering your purchase details, the installer will ask for a Hoppie code, used for ACARS (datalink) message functionality. Enter your existing code OR register a new one, if you like, using the button provided.

For more information on the Hoppie network, visit its website here: [www.hoppie.nl/acars](http://www.hoppie.nl/acars)

3. **Reboot** your PC when prompted by the installer.
4. In case **Spotlights for P3D v4** is not installed already, proceed with the tool's installation as described below.
5. Refer to the PDF document "**A320-X Introduction Guide**" for further instructions and recommendations about configuration and usage of the A320-X.

## Software Optimisation at First Start

When starting Prepar3D for the first time after installation, the A320-X software will analyse your P3D and system configuration in order to suggest optimisation actions if necessary.

### MANDATORY ACTIONS

These actions can't be deselected.

**Prepar3D v4 administrator permissions** – Changes the windows registry for P3D to always run with administrator permissions

**Registry compatibility settings for DLLs** – Resets any DLL that has been marked as excluded from loading by Windows.

### RECOMMENDED ACTIONS

Each of these proposed changes can be deselected if desired.

**Currently using SSAA** – SSAA is a performance killer for most systems when using dynamic lighting. The user may switch to MSAA using this drop-down menu.

**FXAA enabled on higher res monitor** – FXAA has a big performance impact on high-resolution screens when using dynamic lighting. It will be disabled by selecting this action item.

**Affinity mask set on Prepar3D.cfg** – If an affinity mask tweak is used with an unsuitable setting for the system, this action will recommend removing it in order to have more calculation power available for P3D.

**Optimise FSLabs products CPU usage policy** – This option optimises the CPU core usage of the A320-X software according to the CPU configuration available. This will only affect FSLabs own files and will not change any P3D settings.

## Spotlights Installation

Spotlights needs to be installed for full functionality of the A320-X.

Download the latest version of Spotlights for P3D v4 for free from the 'Downloads' section of the Flight Sim Labs website:

<https://forums.flightsimlabs.com/index.php?files/category/15-spotlights/>

1. Execute the file **FSLabs\_SpotLights\_xxx.exe**. You will be guided through installation by the installer.

#### Note:

- The location of the selected simulator(s) is being determined automatically by the installer. When being asked for an installation path, you do NOT need to specify the location of P3D.

## Livery Installation

Aircraft liveries may be downloaded for free from the Flight Sim Labs Website:

<https://forums.flightsimlabs.com/index.php?files/category/25-a320-x-aircraft-liveries-p3dv4-only-v202300/>

Execute the file of the downloaded livery to have it installed automatically into P3D. The installer will guide you through the installation process.

### Note:

- The location of your simulator is being determined automatically by the installer. When being asked for an installation path, you do NOT need to specify the location of P3D. This path is for the uninstaller tool only.
- Liveries do not need to be re-installed after updating the A320-X to a new version.
- A paint kit is available for download as well, should you wish to paint your own liveries.

### USER-SUBMITTED LIVERIES

The FSLabs download section also contains dozens of highest-quality liveries painted by the users of the A320-X software:

<https://forums.flightsimlabs.com/index.php?files/category/29-user-submitted-liveries/>

- To install a user-submitted livery, simply drop the “texture.xxx” folder into the correct aircraft folder, depending on the engine type used:
  - **<Your\_P3D\_Add-on\_Folder>\FSLabs\Simobjects\Airplanes\FSLabs A320 CFM**
  - or
  - **<Your\_P3D\_Add-on\_Folder>\FSLabs\Simobjects\Airplanes\FSLabs A320 IAE**The livery will then be added automatically the next time P3D is started.

- If the desired livery is not displayed, visit the following link for detailed instructions:  
<https://forums.flightsimlabs.com/index.php?topic/14016-how-to-install-3rd-party-liveries-into-p3d-v4/>

### AIRLINE PACKS

These packages will deliver airline- and airframe-specific content for installed liveries. The files will provide:

- Airline-specific PA announcements.
- Airline-specific options that are valid for all aircraft of the same airline.
- Airframe-specific options like weights and other equipment.
- The ability for the datalink system to send a company message advising of the planned destination gate.

Download the airline packs from the Flight Sim Labs forum download section:

<https://forums.flightsimlabs.com/index.php?files/category/30-airline-packs/>

## GOOD TO KNOW

### Navdata Update

The FMGS navigation database can be updated using data from both Navigraph (Jeppesen) and Aerosoft (LIDO). To purchase a new database head over to:

#### NAVIGRAPH

[www.navigraph.com](http://www.navigraph.com)

Product Name: **FMS Data** - Data provided by Jeppesen (Boeing)

#### AEROSOFT

[www.aerosoft.de](http://www.aerosoft.de)

Product Name: **NavDataPro** – Data provided by LIDO (Lufthansa)

Note that this database update is optional. The A320-X will work fine with the database already included. After purchase follow the instructions provided with either of the tools you downloaded.

### Installer Download

Get the latest A320-X installer versions here to re-install or update the software:

<http://redownloads.flightsimlabs.com>

### Uninstall

#### UNINSTALL: REMAINING FILES

The following folders remain in place after uninstalling the A320-X:

<Your\_P3D\_Add-on\_Folder>\FSLabs\Simobjects\Airplanes\FSLabs A320 CFM – Contains aircraft livery installations and the aircraft.cfg file, if liveries had been installed.

<Your\_P3D\_Add-on\_Folder>\FSLabs\Simobjects\Airplanes\FSLabs A320 IAE – Contains aircraft livery installations and the aircraft.cfg file, if liveries had been installed.

<Your\_P3D\_Add-on\_Folder>\FSLabs\Runways – Contains custom runway data.

<Your\_P3D\_Add-on\_Folder>\FSLabs\A320\PanelState – Contains saved panel state data.